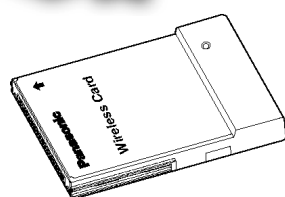
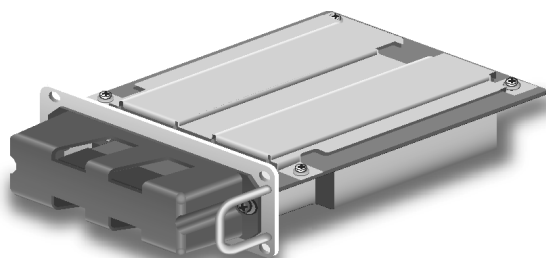


Service Manual

Wireless Presentation Board

TY-FB7WPE

TY-FB7WPU



⚠ WARNING

This service information is designed for experienced service personnel only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential danger in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced service personnel. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

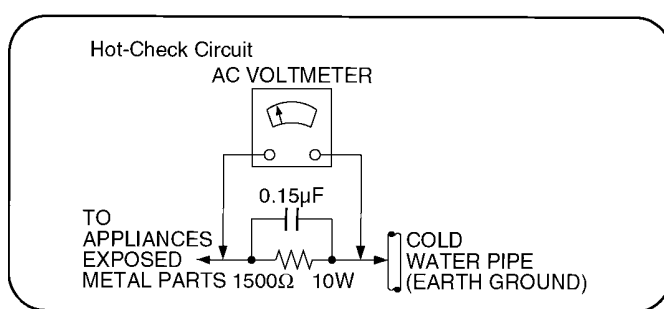


Figure 1

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5k\Omega$, 10 watts resistor, in parallel with a $0.15\mu F$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

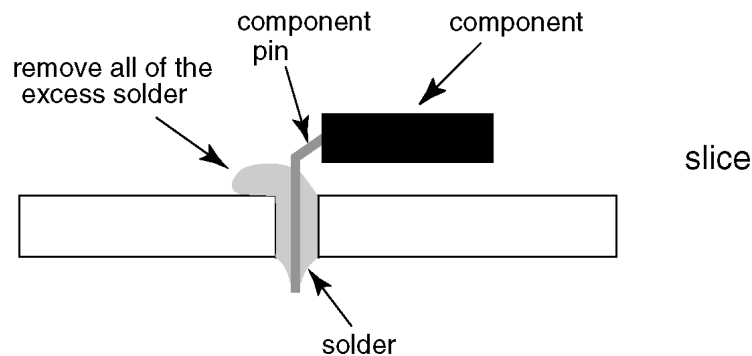
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol  stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40°C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

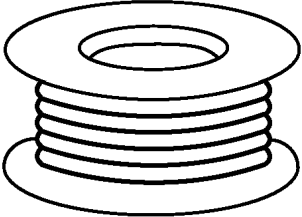
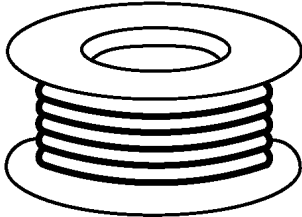
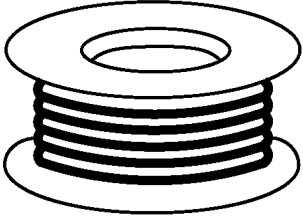
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

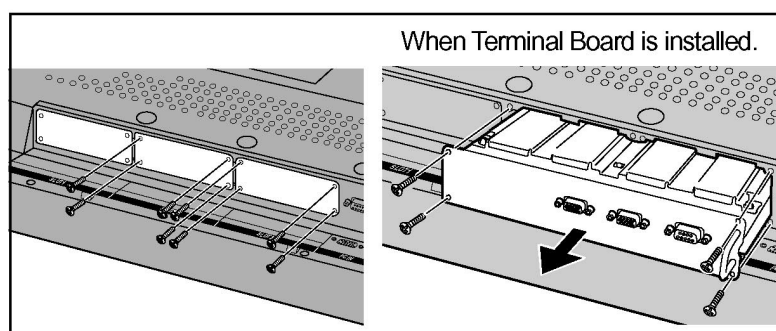
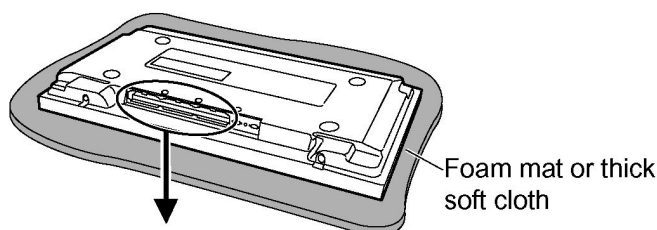
0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

4 Replacement

The following explanation uses the 42/50-inch plasma display as an example. The terminal board shown is a typical example of one that can be replaced.

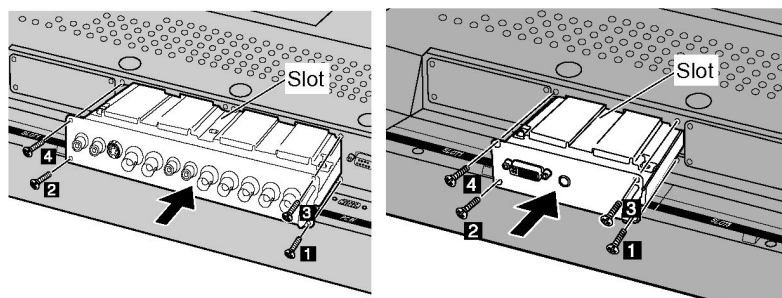
- Before proceeding with the replacement steps, be sure to turn off the entire system including the display, unplug all components from their outlets, and disconnect all the interconnect cables from the display.

The following example shows installation of a dual slot size board and a single slot size board.



1. Removing the dummy cover or mounted terminal board from display:

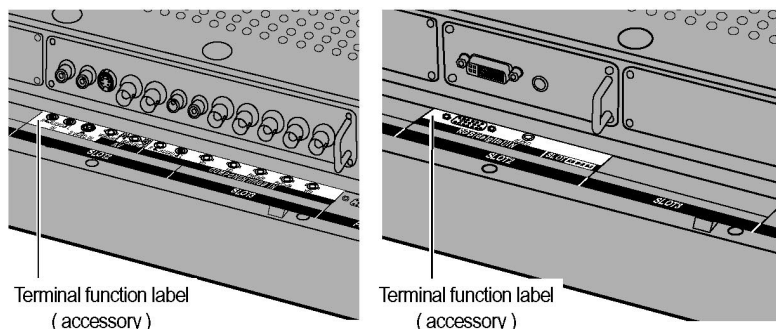
- Remove the slot cover securing screws (4 or 8 screws) on the back of the display. If a terminal board is already installed, grip the handle of the terminal board, and slowly pull out in the direction of the arrow.



2. Installing desired Terminal Board:

1. Insert the desired Terminal Board into the slot until it is firmly plugged into the card connector.
 - Make sure that the Board does not ride on the two lower claws.
2. Secure using the previously removed screws or those supplied with the unit. Tighten screws in the numbered order **1 - 4**.

Please note that there are slot fastening screws at 4 points on each slot (at 2 locations on both the left and right edges), so the number of fastening screws will vary depending on the number of slot insertions. Be sure to fasten all screws tightly.



3. Applying the terminal function label:

Peel off the backing sheet from the terminal function label (accessory) and affix it over the existing label.

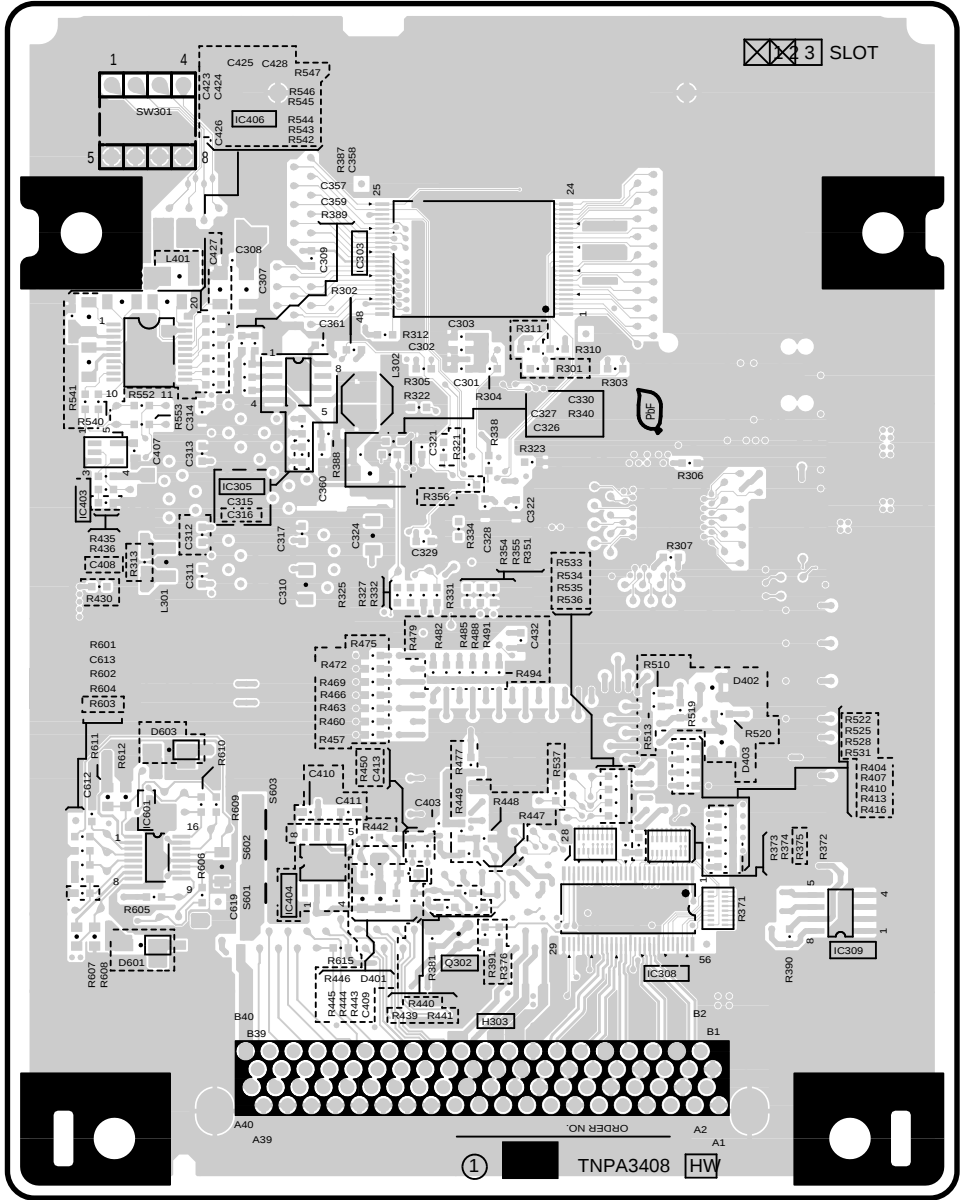
- Make sure that the label is affixed with the correct position.

Have the customer keep the removed Terminal Board for future servicing needs.

5 Circuit Board Layout

5.1. HW-Board

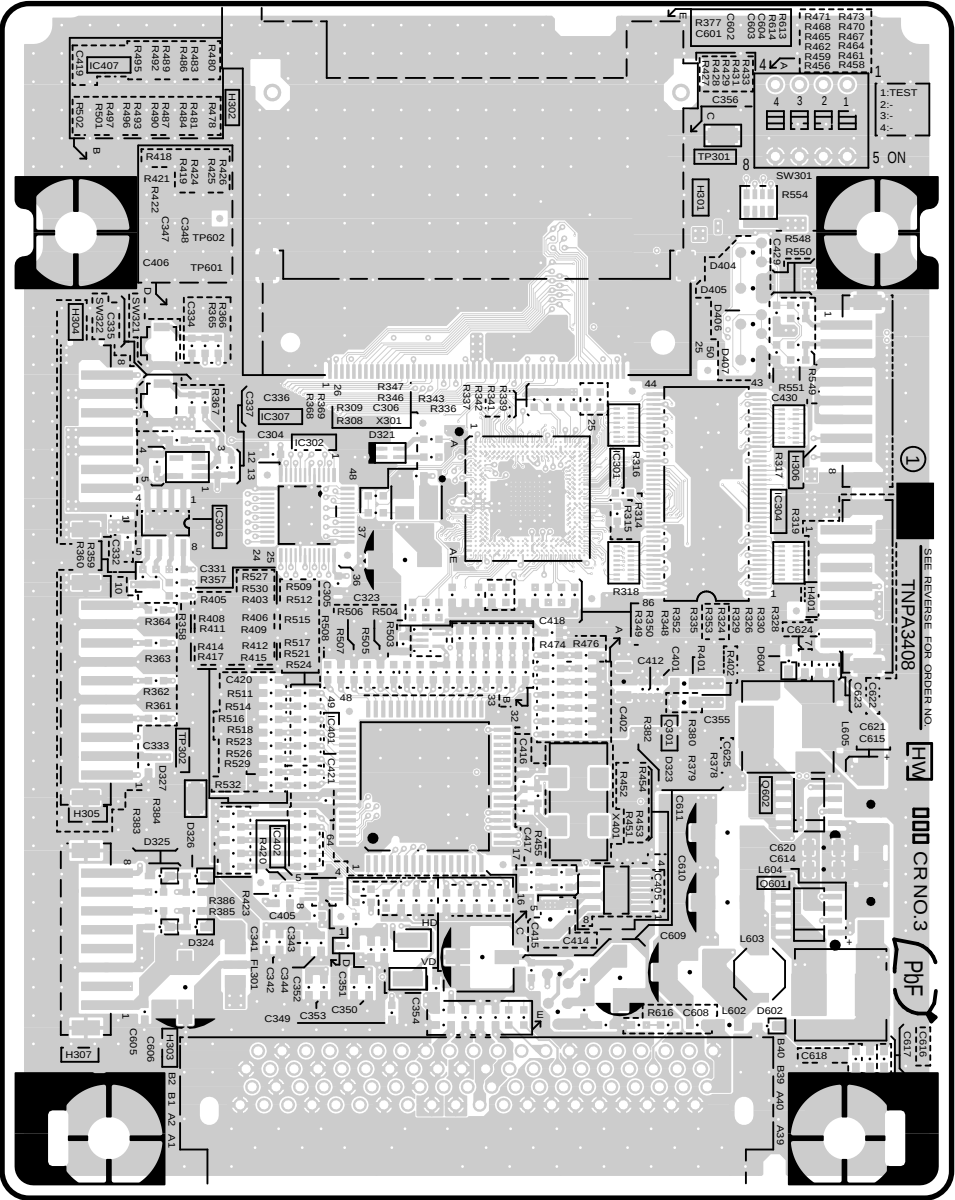
HW-BOARD (FOIL SIDE)
TXNHA10UAS



Parts Location

HW-BOARD					
IC		IC3402	F-2	TP	
IC3301	H-3	IC3403	A-3	Q3301	H-2
IC3302	G-2	IC3404	B-4	Q3302	C-2
IC3303	B-4	IC3405	H-2	Q3601	H-2
IC3304	H-3	IC3406	B-4	Q3602	H-2
IC3305	B-3	IC3407	F-4	TP	
IC3306	F-3	IC3601	B-2	TP3301	H-4
IC3307	F-3			TP3302	F-2
IC3308	C-2				
IC3309	D-2				
IC3401	G-2				

HW-BOARD (COMPONENT SIDE)
TXNHA10UAS



TY-FB7WPE/U
HW-BOARD TXNHA10UAS

TY-FB7WPE/U
HW-BOARD TXNHA10UAS

6 Block and Schematic Diagram

6.1. Schematic Diagram Notes

Important Safety Notice

Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

1. Resistor

Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. Capacitor

Unit of capacitance is μ F, unless otherwise noted.
3. Coil

Unit of inductance is μ H, unless otherwise noted.
4. Test Point

 : Test Point position
5. Earth Symbol

 : Chassis Earth (Cold) : Line Earth (Hot)
6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are following:

Receiving Signal Colour Bar signal

All customer's controls Maximum positions
7. When arrow mark () is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow.

: Video  Audio 
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supplier to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.

All circuits, except the Power Circuit, are cold.

Precautions

a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.

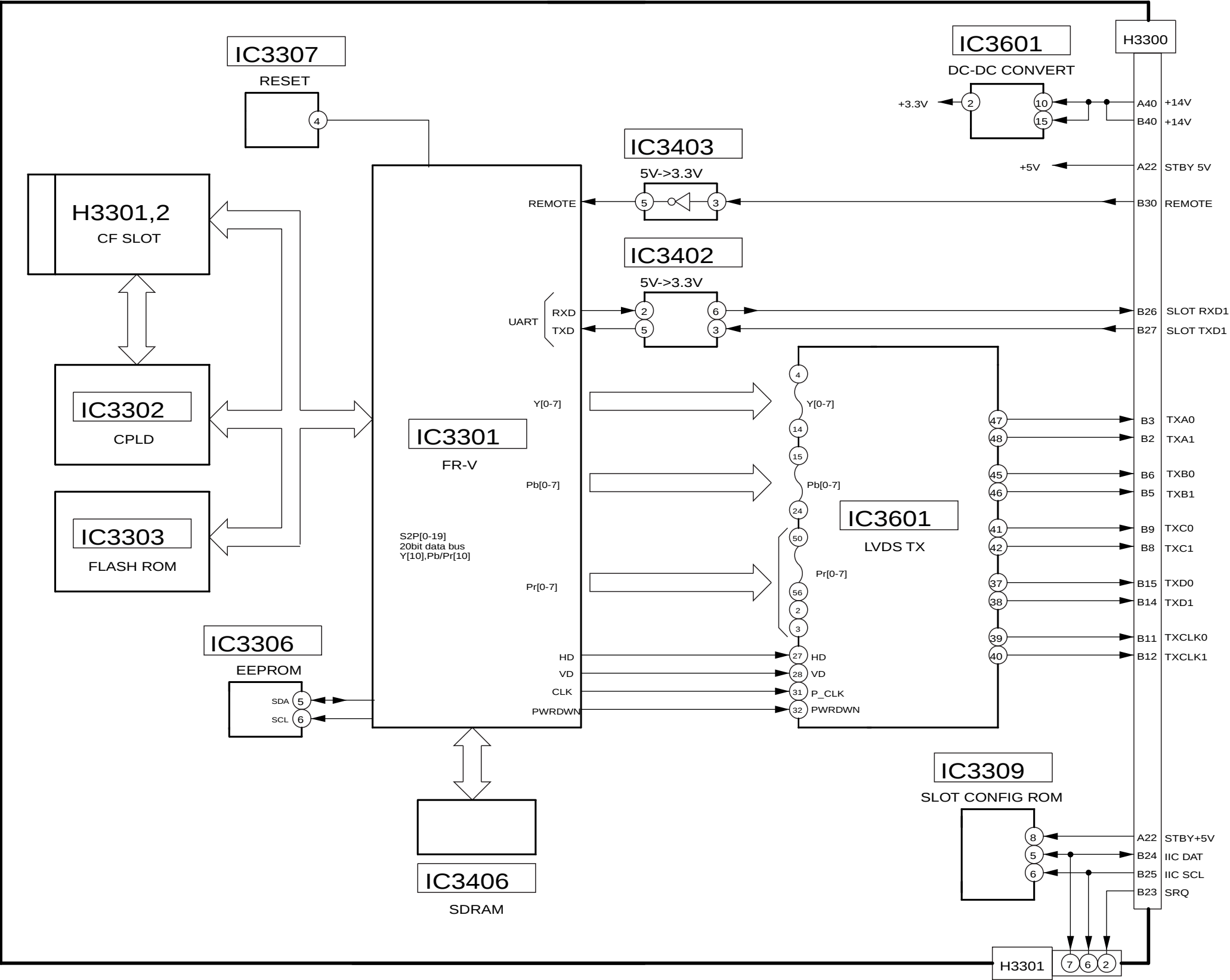
b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.

c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.

Connect the earth of instruments to the earth connection of the circuit being measured.

d. Make sure to disconnect the power plug before removing the chassis.

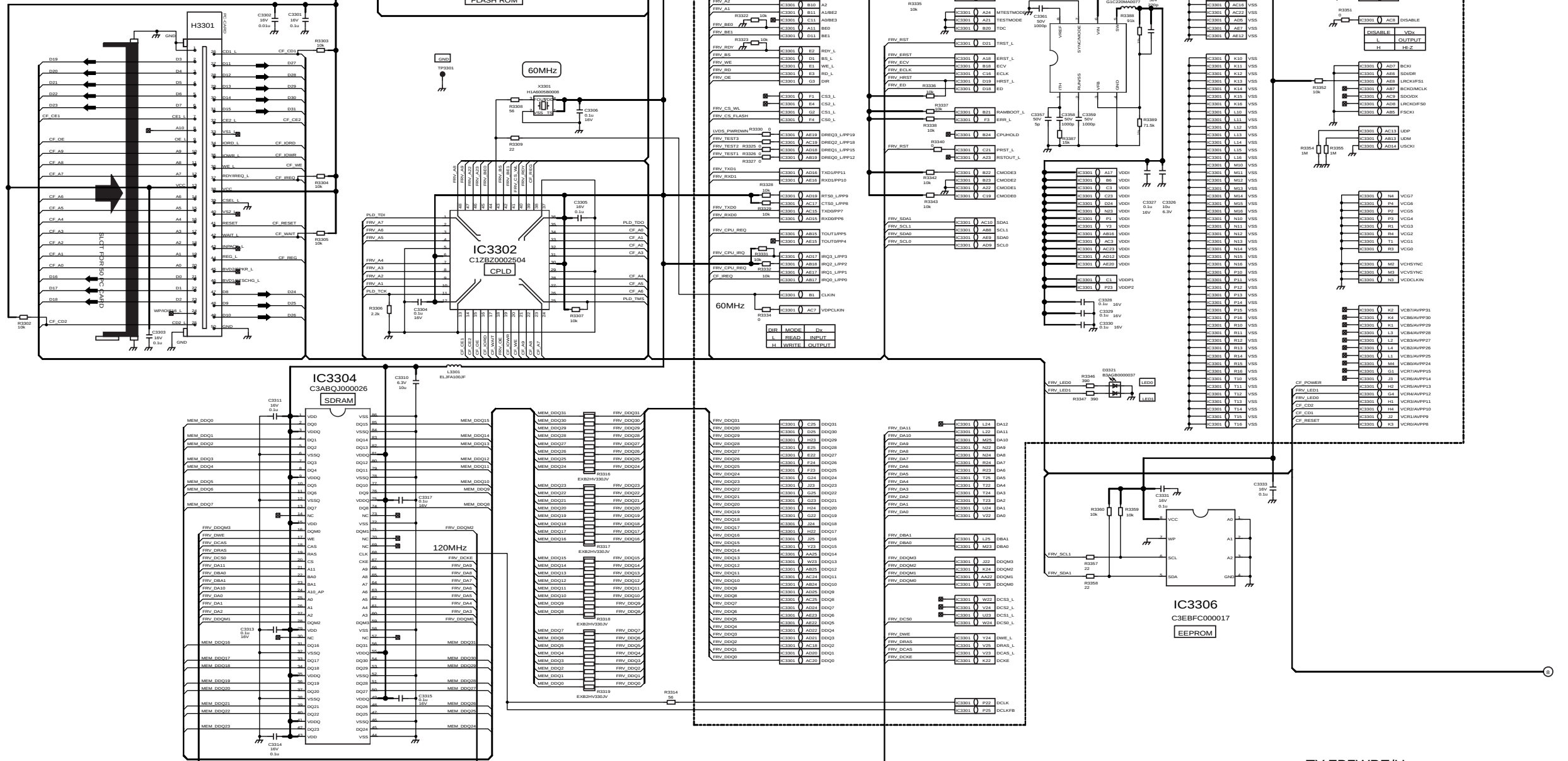
6.2. HW-Board Block Diagram



6.3. HW-Board (1 of 2) Schematic Diagram

! HW-BOARD TXNHA10UAS (1/2)

C M O D E				X'tal	LSI OPERATION CLOCK				
3	2	1	0		ExBus	SDRAM	CoreBus	Core	DSU
L	H	L	L	60MHz	60MHz	60MHz	120MHz	120MHz	15MHz
L	H	L	H	30MHz	30MHz	60MHz	120MHz	120MHz	15MHz
H	L	L	L	60MHz	60MHz	60MHz	60MHz	120MHz	15MHz
H	L	L	H	60MHz	60MHz	120MHz	120MHz	240MHz	30MHz
H	L	H	L	30MHz	30MHz	120MHz	120MHz	240MHz	30MHz
H	L	H	H	60MHz	60MHz	60MHz	120MHz	240MHz	30MHz
H	H	L	L	30MHz	30MHz	60MHz	120MHz	240MHz	30MHz



TY-FB7WPE/U
HW-Board (1 of 2) Schematic Diagram

TY-FB7WPE/U
HW-Board (1 of 2) Schematic Diagram

7 Replacement Parts List

7.1. Replacement Parts List Notes

Important Safety Notice

*Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.*

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
 Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
 Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

7.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3301	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3302	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
C3303-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3306	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3307	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3308, 09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3310	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3311	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3313-15	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3317	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3321, 22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3323	EEEB1C470P	C 47PF, J, 16V	1	
C3324	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3326	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3327-31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C3333	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3336, 37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3341-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3347, 48	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3349	ECJ1VC1H270J	C 27PF, J, 50V	1	
C3350	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C3351	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3352	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C3353, 54	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3355	EEEB0J470R	C 47PF, J, 6.3V	1	
C3356	EEEB0J101P	C 100PF, J, 6.3V	1	
C3357	ECJ1XC1H050C	C 5PF, C, 50V	1	
C3358, 59	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C3360	ECJ1XC1H221J	C 220PF, J, 50V	1	
C3361	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C3401	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3402	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3403	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3405-07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3412	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3418	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3601-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C3606	EEEB1C470P	C 47PF, J, 16V	1	
C3609-11	EEEB1C470P	C 47PF, J, 16V	3	
C3612, 13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3614	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C3615	EEFCD0G560R	56UF,	1	
C3617	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3619	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C3620	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C3621	EEFCD0G560R	56UF,	1	
C3623	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
D3321	B3AGB0000037	DIODE	1	
D3323	MA153	DIODE	1	MA3X153
D3324	MA111	DIODE	1	MA2J111
D3325	MA8056-M	DIODE	1	MAZ80560M
D3326	MA111	DIODE	1	MA2J111
D3327	MA8056-M	DIODE	1	MAZ80560M
D3602	MA8039L	ZENER DIODE	1	MAZ80390L
D3604	MA8039L	ZENER DIODE	1	MAZ80390L
FL3301	ELKE103FA	NOISE FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
H3301	K1NA50E00031	50P CONNECTOR	1	
H3302	K1YZ50000005	CONNECTOR	1	
H3303	K1KA80B00034	80P CONNECTOR	1	
H3306, 07	K1KA08A00293	8P CONNECTOR	2	
IC3301	C2GBC0000199	IC	1	
IC3302	TVRN363	IC	1	
IC3303	TVRN364	IC	1	C3FBNG000007
IC3304	C3ABQJ000026	IC	1	
IC3305	C0DBAZE00005	IC	1	
IC3306	C3EBFC000017	IC	1	
IC3307	C0EBE0000120	IC	1	
IC3308	C0BZ00000550	IC	1	
IC3309	TVRN417-1	IC	1	
IC3402	C0JBZA001834	IC	1	
IC3403	TC7SH04F	MOS IC (CMOS S/LOGIC)	1	C0JBAB000297
IC3601	C0DBAHZ00009	IC	1	
L3301	ELJFA100JF	CHIP COIL	1	
L3302	G1C220MA0077	INDUCTOR COIL	1	
L3602	J0JHC0000035	CHIP INDUCTOR	1	
L3603	G1C100MA0077	INDUCTION COIL	1	
L3604, 05	G1C100MA0078	INDUCTION COIL	2	
Q3301	2SB709A	TRANSISTOR	1	2SB709A
Q3302	2SD601A	TRANSISTOR	1	2SD601A
Q3601, 02	B1DZCC000006	TRANSISTOR	2	
R3302-05	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3306	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R3307	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3308	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3309	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R3310	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3312	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3313	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3314	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3316-19	D1HG33080001	NETWORK RESISTER	4	
R3322, 23	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3325-27	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3328, 29	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3331, 32	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3334	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3335-38	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3340	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3342, 43	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3346, 47	ERJ3GEYJ391	M 390 OHM, J, 1/16W	2	D0GB391JA002
R3348	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3349, 50	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	D0GB470JA006
R3351	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3352	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3354, 55	ERJ3GEYJ105	M 1MOHM, J, 1/16W	2	
R3357, 58	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3359, 60	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3368	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	

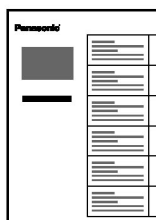
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3369	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3371-73	EXB2HV470JV	RESISTOR ARRAY	3	
R3374	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3377	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3378	ERJ3GEYJ393	M 39KOHM, J, 1/16W	1	
R3379	ERJ3GEYJ683	M 68KOHM, J, 1/16W	1	
R3380	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R3381	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R3382	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3383, 84	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3385, 86	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3387	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3388	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R3389	ERJ3EKF7152	M71.5KOHM, 1/16W	1	
R3401	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3420-23	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3435	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3436	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3552, 53	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R3554	EXB38V103J	RESISTOR ARRAY	1	
R3601	ERJ3GEYJ105	M 1MOHM, J, 1/16W	1	
R3602	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R3604	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3605, 06	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3607	ERJ6ENF2322	M23.2KOHM, 1/10W	1	
R3608	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3609, 10	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3611	ERJ6ENF2322	M23.2KOHM, 1/10W	1	
R3612	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3613-15	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
RTL	TXNHA10UAS	CIRCUIT BOARD HW	1	△
SW3301	TSE995	SWITCH	1	K0D412A00002
X3301	H1A6005B0008	CRYSTAL	1	

7.2. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	N2QAFB000004	REMOTE CONTROL	1	
2	N5HBD0000028	WIRE LESS CARD (U)	1	TY-FB7WPU
2	N5HBD0000029	WIRE LESS CARD (E)	1	TY-FB7WPE
3	TBMU463	TERMINAL SHEET	1	
	THEL023Z	SCREW	6	
	THEL027N	SCREW	4	
4	TKKL5266	COVER	1	
5	TKKL5319	COVER	1	
	TPCB13139	CARTON BOX	1	TY-FB7WPU △
	TPCB13140	CARTON BOX	1	TY-FB7WPE △
	TPDF1103	CUSHION	1	
	TPEH135	PROTECT COVER	1	
	TQE6691	POLY BAG	3	
6	TQZH461	INSTRUCTION SEET	1	
	TQZH578	INSTRUCTION BOOK	1	TY-FB7WPU
	TQZH579	INSTRUCTION BOOK	1	TY-FB7WPE
	XYN3+F8	SCREW	4	
	XZBT6506	POLY BAG	1	
	TVD01009	CD ROM	1	

7.3. Accessoires

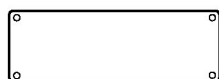
- ⑥ • Terminal Board Replacement Instructions



- Screw × 4
(Slot cover cramping screw)



- ④ • Slot cover



- ① • Remote control
N2QAFB000004

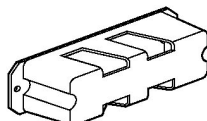
- Remote control batteries
(AA Battery × 2)



- Screw · 2
(Screws for cramping wireless card protection cover)



- ⑤ • Wireless card protection cover

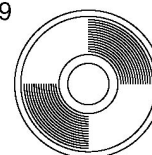


- ③ • Terminal function label (1 sheet)



(Affix this label to the rear panel of the display.)

- CD-ROM disc
(Wireless Manager ME. etc)
TVD01009



- ② • Wireless card

